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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 14

Complete If Known

Application Number	10/742,126
Filing Date	12/19/2003
First Named Inventor	Shawn Ferron et al.
Art Unit	1797
Examiner Name	DUONG, THANH P
Attorney Docket Number	9984/Y01/AGS/ECOSYS/DP

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1.	US-2001/0001652	5/24/2001	Kanno et al.	
	2.	US-2001/0032543	10/25/2001	Seeley et al.	
	3.	US-2001/0055555	12/27/2001	Herman et al.	
	4.	US-2002/0066535	6/6/2002	Brown et al.	
	5.	US-2002/0110500 A1	8/15/2002	Moore et al.	
	6.	US-2002/0182131 A1	12/5/2002	Kaushal et al.	
	7.	US-2004/0065013 A1	4/8/2004	DeVries	
	8.	US-2004/0191146 A1	9/30/2004	Shinohara et al.	
	9.	US-2004/0213721	10/28/2004	Ano et al.	
	10.	US-2004/0216610	11/4/2004	Tom et al.	
	11.	US-2004/0237781 A1	12/2/2004	Terada et al.	
	12.	US-2006/0024226 A1	2/2/2006	Park et al.	
	13.	US-2,819,151	1/7/1958	Flemmert	
	14.	US-3,203,759	8/31/1965	Flemmert	
	15.	US-3,698,696	10/17/1972	Rauskolb	
	16.	US-3,813,852	6/4/1974	Steinke	
	17.	US-3,845,191	10/29/1974	Bruce et al.	
	18.	US-3,896,040	8/5/1975	Tabak	
	19.	US-3,949,057	4/6/1976	Gilbert, Jr.	
	20.	US-3,969,482	7/13/1976	Teller	
	21.	US-3,969,485	7/13/1976	Flemmert	
	22.	US-3,983,021	9/28/1976	Henis	
	23.	US-4,011,298	3/8/1977	Fukui et al.	
	24.	US-4,059,386	11/22/1977	Eising	
	25.	US-4,083,607	4/11/1978	Mott	

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26.	US-4,154,141	5/15/1979	Sayles	
27.	US-4,172,708	10/30/1979	Wu et al.	
28.	US-4,206,189	6/03/1980	Kosintsev et al.	
29.	US-4,236,464	12/02/1980	Anderson et al.	
30.	US-4,238,460	12/9/1980	Aiken et al.	
31.	US-4,243,372	1/6/1981	Cade	
32.	US-4,296,079	10/20/1981	Hauser	
33.	US-4,374,649	2/22/1983	Rao	
34.	US-4,479,443	10/30/1984	Faltdt et al.	
35.	US-4,479,809	10/30/1984	Johnson et al.	
36.	US-4,483,672	11/20/1984	Wallace et al.	
37.	US-4,519,999	5/28/1995	Coleman	
38.	US-4,541,995	9/17/1985	Kim et al.	
39.	US-4,584,001	4/22/1986	Dechene	
40.	US-4,644,877	2/24/1987	Barton et al.	
41.	US-4,661,056	4/28/1987	Vickery et al.	
42.	US-4,719,088	1/12/1988	Itoh et al.	
43.	US-4,753,915	6/28/1988	Vogt et al.	
44.	US-4,788,036	11/29/1988	Eiselstein et al.	
45.	US-4,801,437	1/31/1989	Konagaya et al.	
46.	US-4,834,020	5/30/1989	Bartholomew	
47.	US-4,886,444	12/12/1989	Hirase et al.	
48.	US-4,908,191	3/13/1990	Boldish et al.	
49.	US-4,935,212	6/19/1990	Jacob	
50.	US-4,954,320	9/04/1990	Birmingham et al.	
51.	US-4,966,611	10/30/1990	Schumacher et al.	
52.	US-4,975,098	12/4/1990	Lee et al.	

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53.	US-4,986,838	1/22/1991	Johnsgard	
54.	US-4,993,358	2/19/1991	Mahawili	
55.	US-5,000,221	3/19/1991	Palmer	
56.	US-5,009,869	4/23/1991	Weinberg et al.	
57.	US-5,011,520	4/30/1991	Carr et al.	
58.	US-5,045,288	9/3/1991	Raupp et al.	
59.	US-5,077,525	12/31/1991	West et al.	
60.	US-5,113,789	5/19/1992	Kamian	
61.	US-5,114,683	5/19/1992	Hirase	
62.	US-5,118,286	6/2/1992	Sarin	
63.	US-5,122,391	6/16/1992	Mayer	
64.	US-5,136,975	8/11/1992	Bartholomew et al.	
65.	US-5,137,701	8/11/1992	Mundt	
66.	US-5,147,421	9/15/1992	Yung	
67.	US-5,151,116	9/29/1992	Scholz et al.	
68.	US-5,154,237	10/13/1992	Cooper	
69.	US-5,160,707	11/3/1992	Murray et al.	
70.	US-5,176,897	1/05/1993	Lester	
71.	US-5,183,646	2/2/1993	Anderson et al.	
72.	US-5,199,856	4/6/1993	Epstein et al.	
73.	US-5,206,003	4/27/1993	Imoto et al.	
74.	US-5,207,836	5/04/1993	Chang	
75.	US-5,211,729	5/18/1993	Sherman	
76.	US-5,213,767	5/25/1993	Smith et al.	
77.	US-5,220,940	6/22/1993	Palmer	
78.	US-5,238,656	8/24/1993	Tajima et al.	
79.	US-5,251,654	10/12/1993	Palmer	

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Attorney Docket Number	9984/Y01/AGS/ECOSYS/DP

80.	US-5,252,007	10/12/1993	Klinzing et al.	
81.	US-5,255,709	10/26/1993	Palmer	
82.	US-5,255,710	10/26/1993	Palmer	
83.	US-5,271,908	12/21/1993	Shiban et al.	
84.	US-5,280,664	1/25/1994	Lin	
85.	US-5,281,302	1/25/1994	Gabric et al.	
86.	US-5,292,704	3/08/1994	Lester	
87.	US-5,304,398	4/19/1994	Krussell et al.	
88.	US-5,320,124	6/14/1994	Palmer	
89.	US-5,361,800	11/8/1994	Ewing	
90.	US-5,364,604	11/15/1994	Spink et al.	
91.	US-5,393,394	2/28/1995	Ikeda et al.	
92.	US-5,407,647	4/18/1995	Tarancon	
93.	US-5,417,934	5/23/1995	Smith et al.	
94.	US-5,425,886	6/20/1995	Smith	
95.	US-5,439,568	8/08/1995	Uchiyama	
96.	US-5,450,873	9/19/1995	Palmer et al.	
97.	US-5,453,125	9/26/1995	Krogh	
98.	US-5,453,494	9/26/1995	Kirlin et al.	
99.	US-5,456,280	10/10/1995	Palmer	
100.	US-5,494,004	2/27/1996	Hunter, Jr.	
101.	US-5,495,893	3/5/1996	Roberts et al.	
102.	US-5,510,066	4/23/1996	Fink et al.	
103.	US-5,527,631	6/18/1996	Singh et al.	
104.	US-5,533,890	7/9/1996	Holst et al.	
105.	US-5,575,636	11/19/1996	Kobayashi et al.	
106.	US-5,584,959	12/17/1996	Kimura et al.	

Examiner Signature	/Tom Duong/	Date Considered	04/07/2009
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First Named Inventor

Shawn Ferron et al.

Art Unit

1797

Examiner Name

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9984/Y01/AGS/ECOSYS/DP

	107	US-5,589,148	12/31/1996	Otsuka et al.	
	108	US-5,597,540	1/28/1997	Akita et al.	
	109	US-5,599,508	2/4/1997	Martinelli et al.	
	110	US-5,601,790	2/11/1997	Stilger et al.	
	111	US-5,603,905	2/18/1997	Bartz et al.	
	112	US-5,643,545	7/01/1997	Chen et al.	
	113	US-5,650,128	7/22/1997	Holst et al.	
	114	US-5,663,476	9/02/1997	Cripe et al.	
	115	US-5,665,317	9/9/1997	Laslo	
	116	US-5,693,293	12/2/1997	Reichardt et al.	
	117	US-5,702,999	12/30/1997	Mazanec et al.	
	118	US-5,716,428	2/10/1998	Imamura	
	119	US-5,720,444	2/24/1998	Wheeler et al.	
	120	US-5,720,931	2/24/1998	Rossin et al.	
	121	US-5,756,052	5/26/1998	Suzumura	
	122	US-5,759,237	6/2/1998	Li et al.	
	123	US-5,759,498	6/2/1998	Sheu et al.	
	124	US-5,762,893	6/9/1998	Schoiz et al.	
	125	US-5,779,863	7/14/1998	Ha et al.	
	126	US-5,779,998	7/14/1998	Tom	
	127	US-5,785,741	7/28/1998	Li et al.	
	128	US-5,788,778	8/04/1998	Shang et al.	
	129	US-5,790,934	8/4/1998	Say et al.	
	130	US-5,800,792	9/1/1998	Ibaraki et al.	
	131	US-5,817,284	10/06/1998	Nakano et al.	
	132	US-5,840,897	11/24/1998	Kirlin et al.	
	133	US-5,843,239	12/01/1998	Shrotriya	

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134	US-5,843,288	12/01/1998	Yamamoto	
135	US-5,855,648	1/5/1999	Prasad et al.	
136	US-5,855,822	1/5/1999	Chen	
137	US-5,858,065	1/12/1999	Li et al.	
138	US-5,865,879	2/02/1999	Lee	
139	US-5,877,391	3/02/1999	Kanno et al.	
140	US-5,891,404	4/6/1999	Ibaraki et al.	
141	US-5,900,217	5/4/1999	Hartung et al.	
142	US-5,914,091	6/22/1999	Holst et al.	
143	US-5,919,285	4/6/1999	Li et al.	
144	US-5,935,540	8/10/1999	Otsuka et al.	
145	US-5,955,037	9/21/1999	Holst et al.	
146	US-5,965,786	10/12/1999	Rostaing et al.	
147	US-5,972,078	10/26/1999	Collins et al.	
148	US-5,989,412	11/23/1999	Okagami et al.	
149	US-6,007,742	12/28/1999	Czemichowski et al.	
150	US-6,009,827	1/04/2000	Robies et al.	
151	US-6,013,584	1/11/2000	M'saad et al.	
152	US-6,030,591	2/29/2000	Tom et al.	
153	US-6,059,858	5/9/2000	Lin et al.	
154	US-6,072,227	6/6/2000	Yau et al.	
155	US-6,095,084	8/1/2000	Shamoullian et al.	
156	US-6,110,529	8/29/2000	Gardiner et al.	
157	US-6,153,150	11/28/2000	Moore et al.	
158	US-6,153,159	11/28/2000	Engeler et al.	
159	US-6,185,839	2/13/2001	Kholdenko et al.	
160	US-6,187,072 B1	2/13/2001	Cheung et al.	

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161	US-6,190,507	2/20/2001	Whealton et al.
162	US-6,217,640	4/17/2001	Lu et al.
163	US-6,338,312 B2	1/15/2002	Hayes et al.
164	US-6,345,768	2/12/2002	Inagaki et al.
165	US-6,361,584	3/26/2002	Stevens et al.
166	US-6,423,284	7/23/2002	Arno et al.
167	US-6,464,944	10/15/2002	Moore et al.
168	US-6,468,490	10/22/2002	Shamoulian et al.
169	US-6,491,884 B1	12/10/2002	Faller et al.
170	US-6,527,828 B2	3/4/2003	Filippo et al.
171	US-6,544,482	4/8/2003	Inori
172	US-6,555,137 B1	12/2/2003	Sardari
173	US-6,805,728 B2	10/19/2004	Sweeney et al.
174	US-6,813,943 B2	11/9/2004	Smith et al.
175	US-6,824,748 B2	11/30/2004	Kaushal et al.
176	US-6,843,830 B2	1/18/2005	Sherer
177	US-6,946,107 B2	9/20/2005	Carlborg et al.
178	US-7,160,521 B2	1/9/2007	Porshnev et al.
179	US-H1,701	1/6/1998	DePinto et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Claim Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code ² - Number ³ - Kind Code ⁴ (if known)				
	1.	DE19526737	1/23/1997			Y
	2.	DD0215706A1	11/21/1984			Y

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First Named Inventor	Shawn Ferron et al.
Art Unit	1797
Examiner Name	DUONG, THANH P
Attorney Docket Number	9984/Y01/AGS/ECOSYS/DP

3.	DE4311061A1	10/6/1994		Y
4.	DE4319118A1	12/15/1994		Y
5.	DE4321762A1	1/12/1995		Y
6.	EP0306540A1	3/15/1989		Y
7.	EP 0 360 941 A2	4/4/1990		Y
8.	EP 0 412 456 A2	2/13/1991		Y
9.	EP 0 597 393 A1	5/18/1994		Y
10.	EP0642809A1	3/15/1995		Y
11.	EP 0 861 683 A2	9/2/1998		Y
12.	EP 0 885 648 A1	12/23/1998		Y
13.	EP 0 916 388 A2	5/19/1999		Y
14.	EP 1 129 775 A1	9/5/2001		Y
15.	EP 1 240 937 A1	9/18/2002		Y

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16.	EP 0 933 120 A1	8/4/1999		Y
17.	JP 02-068414	3/7/1990		Y
18.	JP 02-102719	4/16/1990		Y
19.	JP 03-047516	2/28/1991		Y
20.	JP 03-262523	11/22/1991		Y
21.	JP 03-065218	3/20/1991		Y
22.	JP 04-050422	2/19/1992		Y
23.	JP 04-209524	10/15/1992		Y
24.	JP 05-192534	8/03/1993		Y
25.	JP 05-296979	11/12/1993		Y
26.	JP 06-063357	3/08/1994		Y
27.	JP 06-137537	5/17/1994		Y
28.	JP 07-010335	1/13/1995		Y

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Attorney Docket Number	9984/Y01/AGS/ECOSYS/DP

29.	JP 07-323211	12/12/1995		Y
30.	JP 08-309146	11/26/1996		Y
31.	JP 08-333453	12/17/1996		Y
32.	JP 10-192653	7/28/1998		Y
33.	JP 11-070322	3/16/1999		Y
34.	JP 11-276860	10/12/1999		Y
35.	JP 11-319485	11/24/1999		Y
36.	JP 11-335164	12/7/1999		Y
37.	JP 2000-108245	4/18/2000		Y
38.	JP 3-9768	2/12/1991		Y
39.	JP 51-129868	11/11/1976		Y
40.	JP 57-091725	6/8/1982		Y
41.	JP 57-117333	7/21/1982		Y

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Examiner Name	DUONG, THANH P
Attorney Docket Number	9984/Y01/AGS/ECOSYS/DP

42.	JP 58-045718	3/17/1983		Y
43.	JP 59-082927	5/14/1984		Y
44.	JP 61-021717	1/30/1986		Y
45.	JP 61-200851	9/5/1986		Y
46.	JP 62-273039	11/27/1987		Y
47.	JP 63-062528	3/18/1988		Y
48.	JP 91009768	2/12/1991		Y
49.	KR 1999-007143	1/25/1999		N
50.	WO 00/09258 A1	2/24/2000		Y
51.	WO 00/67879 A1	11/16/2000		Y
52.	WO 01/78873 A1	10/25/2001		Y
53.	WO 2004/031073 A2	4/15/2004		Y
54.	WO 96/16720 A1	6/6/1996		Y

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10/742,126

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First Named Inventor

Shawn Ferron et al.

Art Unit

1797

Examiner Name

DUONG, THANH P

Attorney Docket Number

9984/Y01/AGS/ECOSYS/DP

	55.	WO9749479A1	12/31/1997			Y
	56.	WO 98/29181 A1	7/9/1998			Y
	57.	WO 99/02921 A1	1/21/1999			Y
	58.	WO 99/61132 A1	2/12/1999			Y

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Date
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Examiner Name	DUONG, THANH P
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1.	Abreu, et al. "Causes of anomalous solid formation in the exhaust system of low-pressure chemical vapor deposition plasma enhanced chemical vapor deposition semiconductor processes, J. Vac. Sci. Technol B 12(4) Jul/Aug. 1994, pp. 2763/2767.	
	2.	Cady, George Hamilton, "Reaction of Fluorine with Water and with Hydroxides", Feb., 1935, J. J. Am. Chem. Soc., Vol. 57, pages 246-249.	
	3.	Catalytic Decomposition System, Hitachi America, Ltd. Semiconductor Equipment Group-SCDS Gas Abatement Systems, <http://www.hitachi.com/semiequipment/productscds.html>, pp. 1-2, printed on Apr. 21, 1999.	
	4.	Environmental - Complete system solutions for air pollution control (Brochure - <http://www.olpidurr.com/e/images/environmental2001.pdf>), Dürr Environmental, Inc. <http://www.olpidurr.com/e/eco/ecopage.htm>, pages 1-12.	
	5.	Fenwal Test Detonation Arresting System at NMERT Site, May, 1992 test of Fenwal Detonation Arresting System at New Mexico Engineering Research Institute.	
	6.	Hardwick, Steven J., et al., "Waste Minimization in Semiconductor Processing", 1994, Mater. Res. Soc. Symp. Proc., vol. 344, pp. 273-278.	
	7.	Hayakawa, Saburo, "Silane Gas Scrubber", Koatsu Gasu, 24(7), p. 371-9, (1987).	
	8.	Holmes, John T., et al., "Fluidized Bed Disposal of Fluorine", October 1967, I&EC Process Design and Development, Vol. 6, No. 4, pages 408-413.	

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Attorney Docket Number	9984/Y01/AGS/ECOSYS/DP

9.	Kanken Techno detoxifier KT 1000 Venus, Crystec Technology Trading GmbH, <http://www.crystec.com/ktcvenue.htm>, pp. 1-4, printed on Jul. 27, 1999.	
10.	Landau, Ralph, et al., "Industrial handling of FLOURINE", March 1947, Industrial and Engineering Chemistry, Vol. 39, No. 3, pages 281-286.	
11.	Langan, John., et al., "Strategies for greenhouse gas reduction", July 1996, Solid State Technology, pages 115-119.	
12.	M. Brinkmann et al., "Unsteady State Treatment of Very Lean Waste Gases in a Network of Catalytic Burners", 1999, Elsevier Science B. V. - Catalysis Today 47, pages 263-277	
13.	Slabey, Vernon A., et al., "Rate of Reaction of Gaseous Fluorine with Water Vapor at 35° C", (1958), National Advisory Committee for Aeronautics, Technical Note 4374, pages 1-16.	
14.	Smiley, et al. "Continuous Disposal of Fluorine", Industrial and Engineering Chemistry, 1954, vol. 46, No. 2, pp. 244-247.	
15.	Streng, A. G., "The Fluorine-Steam Flame and Its Characteristics", June 1962, Combustion Flame, Vol. 6, pages 89-91.	
16.	Turnbull, S. G., et al., "Analysis and Disposal of Fluorine", Industrial and Engineering Chemistry, March 1947, Vol. 39, No. 3, pp. 286-288.	

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